

	F01 - Tramore	F02 - Dunmore	F03 - Ardmore	F04 - Lismore
10	Biodiversity and Ecology	Sustainable management of Air, Water and Soil	Environmental Technologies and Eco-Innovation	Environmental Management
	Invited Speaker Functional ecology of the Burren Bruce Osborne (UCD)	Enhancing Human Health through Improved Water Quality. Prendergast, M (NUIG)	Microbial ecophysiology of low temperature (10 and 15 °C), anaerobic biological treatment of raw sewage. Kelly, O (NUIG)	Current status of cyprinid fish stocks in Cork Lough: Possible issues for lake management. Chapman, D (UCC)
		Sources to transfers: evaluating the Nitrates Directive National Action Programme in Ireland using a catchment approach Jordan, P (Teagasc, JC)	Low-temperature anaerobic digestion of a high-strength trichloroethylene contaminated wastewater. Siggins, A (NUIG)	Changes in the chemistry of small Irish lakes between 1997 and 2008. Burton, A (Trent University, Canada)
	Hen Harrier Breeding Ecology in Ireland O'Donoghue, B (NPWS)	Sediment & Nutrient Fluxes and Loadings at the Irish River Basin Scale Harrington, S (CIT)	Combating Biofouling - The Role of Microtopography and Biomimetics. Sullivan, T (DCU)	The Non-Marine Molluscan Database of Ireland – its Creation, Progress and Potential Applications Byrne, A (NBDC)
	Float like a butterfly, sting like a bee: drifting behaviour in imported bumblebees. Murray, T (Teagasc, Oakpark)	Evaluation and Interpretation of Groundwater Monitoring Data and the Implications for Groundwater Management in Ireland. Tedd, K (TCD)	Nanoparticle Doped Solgels - For Improved Resistance to Biofouling. Chapman, J (DCU)	Understanding Irish Shellfish AquaCulture and Environments: Application of the UISCE decision support system to oyster farming in Dungarvan Bay. Berry, A (Marcon)

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11.30	Biodiversity and Ecology <i>Chair – Olaf?</i>	Sustainable management of Air, Water and Soil	Environmental Technologies and Eco-Innovation	Pathogens, Pollution and Human Health
	The effects of anthropogenic activities on the microbial community structure of a raised bog. Deering, L (UCD)	Invited Speaker Mitigating gaseous emissions in Agricultural Systems. Gary Lanigan (Teagasc, JC)	Investigating the feasibility of direct anaerobic treatment of municipal wastewaters under Irish conditions. Hughes, D (NUIG)	The effect of CO ₂ on genotypes of <i>Ambrosia artemisiifolia</i> (common ragweed) Brophy, C (NUI, Maynooth)
	The diversity of mycorrhizal fungi in different land uses and soil types in Ireland Hazard, C (UCD)		Assessment of pharmaceutical residue levels in industrial waste waters and their removal using photocatalysis. Deegan, A-M (DCU)	Pathogen transport modelling in Irish catchments. Coffey, R (UCD)
	Biodiversity and functional diversity of fungi in Irish woodlands O’Hanlon, R (UL)	Effect of two stocking rates on nitrous oxide emissions from a heavy clay soil in Wexford. Baily, A (QUB & Teagasc)	Pilot-scale sequencing batch reactor (SBR) system in slaughterhouse wastewater treatment. Norton, D (NUIG)	Identification of pollution hotspots in urban soils. Zhang, C (NUIG)
	What lies beneath? Insights from a systematic survey of biodiversity in Irish soils. Keith, A (UCD)	Scenario modelling of N ₂ O emissions from agricultural grasslands in Ireland. Cochrane, M (CIT)	Treatment of dairy soiled washwater using woodchip filters. Ruane, E (NUIG)	Investigating potential microbial hazards following the application of biosolids on the bioenergy crop <i>Miscanthus</i> sp. Menton, C (IT, Carlow)

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4.30	Biodiversity & Ecology	Sustainable management of Air, Water and Soil	Environmental Technologies and Eco-Innovation	Environmental Policy and Socio-economics
	Quantifying the role of pairwise interspecific interactions on diversity effects Connolly, J (UCD)	Overland flow and nutrient transport from agricultural grasslands: do we need to think deeper? Haria, A (Teagasc, JC)	Invited Speaker Microbial metabolism of cyanide and nitriles – microbes, enzymes and applications. O'Reilly, C (WIT)	Sustainable water supply and consumption in county Sligo. Prieto Lage, M.A. (UCD & IT, Sligo)
	Diversity effects on grassland biomass across fertilisation and disturbance treatments Carnus, T (Teagasc & UCD)	The Occurrence of Nitrogen Limiting Conditions in Irish Rivers. Elsaholi, M (UCD)		Greening co-operatives: an opportunity to reinvigorate the Irish Agrifood co-operatives. O'Connor, H (UCC)
	Methods of increasing plant diversity within field margins in grassland Fritch, R (Teagasc & UCD)	The contribution of waterfowl to the phosphorus loading of a shallow hypertrophic lake in Cork City. Murphy, G (CIT)	An investigation into the mechanisms of chromium uptake by live seaweed species from the south east of Ireland. Murphy, C (WIT)	The spatial aggregation of organic farming in England and its underlying environmental correlates. Gabriel, D (Leeds)
	Non-invasive genetic methods for monitoring pine marten in Ireland Mullins, J (WIT)	Nutrients and Phytoplankton Biomass in 22 Irish Turloughs. Pereira, H (TCD)	Development of a Novel Process for the Removal of Organic Compounds from Industrial Waste Streams. Enright, D (UL)	Regional climate models as an environmental planning tool. Foley, A (NUI, Maynooth)
	Has Culling Affected the Behaviour of the Eurasian Badger (<i>Meles meles</i>) in Ireland. Carroll R (TCD)	Construction and operational impacts at river crossings on National Road Schemes. Cocchiglia, L (UCD)	The Development of a Novel In Vitro Assay for the Detection and Analysis of 'Oestrogenic' Environmental Endocrine Disrupting Chemicals. McGee, C (AIT)	The environmental consequences of increased miscanthus cultivation in Ireland. Fitzgerald, J (Teagasc)

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	The Irish Butterfly Monitoring Scheme – its relevance as a biodiversity indicator. Fleischer, S. (NBDC)	A qualitative multi-variate model for assessing the impact of management options on soil sustainability. Griffiths, B (Teagasc, JC)	Invited Speaker The Journey from Waste Disposal to Resource Management: How is Ireland Progressing? Laurence, D (Duncan Laurence Environmental)	Influence of Stream Flow Rate on the Isolation of Antibiotic Resistant Enterococci. Daniels, V (University of Ulster)
	Bumblebee diversity, foraging and nesting patterns in prime habitats Deenihan, A (UL)	Quantifying dissolved carbon losses from soils: Effects of land use and management practice. Walmsley, D (UCD)		Chemical determination and biological assessment of UV filters and related compounds. Smyth, A (AIT)
	Stingin’ in the rain: metacommunity dynamics of Irish bees in SAC habitats. Murray, T (Teagasc, Oakpark)	Investigating the unexplored terrain of microorganisms associated with subsurface denitrification. Barrett, M (NUIG)	Utilisation of Phosphorus Nutrient Content in Industrial Scale Plasmid DNA Production: A Waste Minimisation Study. Cliffe, F (UL)	Assessing potential human exposure and health hazard to nano-functionalised environmental products and processes: Nano-EXP & Nano-HAZ. O’Brien, N.J. (UCD)
	Lepidopteran Diversity in Irish Native and Plantation Forests French, V (UCC)	Assessment of variable phosphate input management practices on P solubilising microbial potential. Chhabra, S. (IT, Carlow)	The Feasibility of Producing Manufactured Topsoil from Dredged Material from the Port of Waterford. Sheehan, C (CIT)	Examination of Tributyltin resistance in exposed microbial strains isolated from the Irish. Browne, K. (IT, Carlow)

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	Aquatic Coleoptera assemblages in the Irish agricultural landscape Gioria, M (UCD)	<i>E.coli</i> in the Soil Environment: Challenging Common Perceptions. Brennan, F (UCD & Teagasc)	Saltmarshes on peat substrate in southwest Ireland; environmental parameters and plant adaptations. Cott, G (UCC)
	A preliminary investigation of seasonal variation in the macroinvertebrate communities of the open-water habitats in Irish peatlands. Hannigan, E (UCD)	Processes affecting Cryptosporidium oocyst survival in Irish agriculture and the environment. McDonald, S (UCD)	The Analysis of Nutrient and Salinity Regimes in Irish Coastal Lagoons and their Impacts on the Biological Functioning of Lagoonal Systems. Lettice, S (UCC)
	The Water Beetles of Ireland Initiative Regan, E (NBDC)	A GIS Approach of Cryptosporidium Risk Assessment of Irish Catchment. Samadder S.R. (UCD)	Investigation into the Biochemical effect of Heavy Metal Exposure on Seaweeds. Ryan, S (WIT)
	Development of Regression Models to Predict Forestry Impacts on Aquatic Ecology and Effectiveness of Mitigation Measures: The HYDROFOR Strategy Blacklocke, S (UCD)	A Quantitative Risk Assessment of <i>E. coli</i> in Drinking Water. Merideth, H (UCD)	Meristic and morphometric variation of <i>Platichthys flesus</i> on the Irish and Welsh coasts. O’Neill, B (GMIT)